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TITLE: PRODUCTION OF SUBSTRATE FOR OPTICAL
RECORDING MEDIUM

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ABSTRACT:

PURPOSE: To eliminate the intrusion of bubbles into a photosetting resin and defects of patterns and to prevent waving and warping of a substrate by dropping the liquid drops of the above-mentioned resin to both of a stamper mold and the substrate and curing the resin under pressurization after point contact.

CONSTITUTION: The liquid drops of the photosetting resin 8 are dropped onto the surface of the transparent resin substrate 1 and the stamper mold 7 having

rugged patterns. The mold 7 and the substrate 1 are superposed in such a manner that both the liquid drops of the resin 8 come into contact with the same, then the mold and the substrate are superposed on each other and are pressurized to spread the liquid drops to cause tight adhesion. The surface is then irradiated with UV rays 9 to cure the resin 8. The optical card substrate 10 with track grooves transferred with the rugged patterns of the stamper mold is obtd. when the mold 7 is removed after the resin 8 cures.

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